Figure 1

physical object A	physical object <i>B</i>		parity object
A1	B1	C1	P1
	L	C2	P2
			. :
		C10	P10

Figure 2

physical object C	physical object C'
C1	C 1

Figure 3

physical object C	•	physical object <i>C'</i>
C1		C1
C2		C2
C3		C3
C4		C4
C5		C5

Figure 4

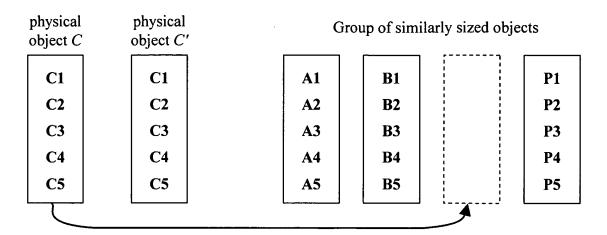


Figure 5

physical object 1	physical object 2	physical object 3	parity object $s+1$ (parity)
C1	C2	C3	P1
Cs+1	Cs+2	Cs+3	P2
C2s+1	C2s+2	C2s+3	P3
:	:	:	

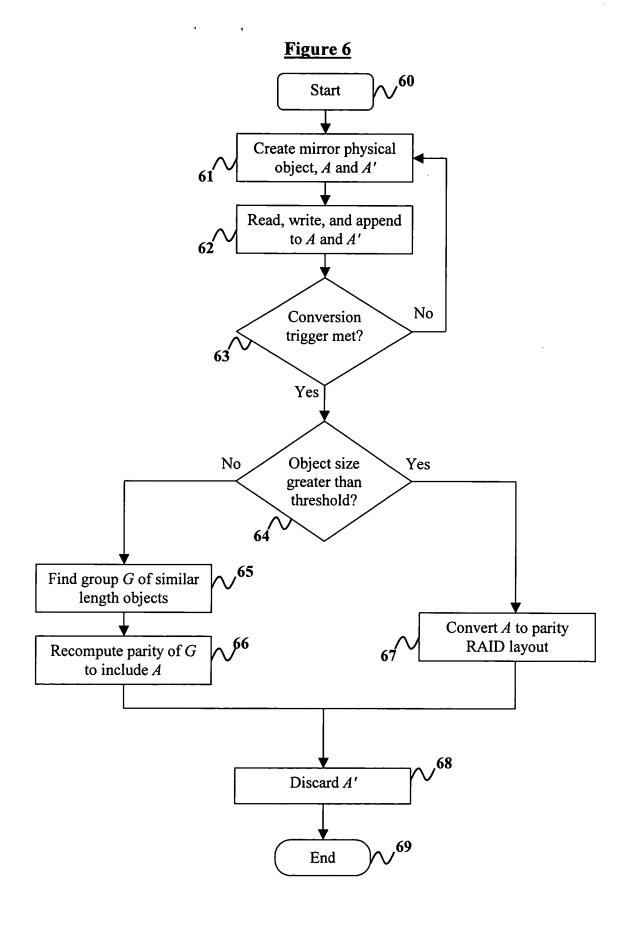


Figure 7

